

2.1.5 2006 Residential Energy End-Use Splits, by Fuel Type (Quadrillion Btu)

	Natural	Fuel	Other		Renw.	Site	Site		Primary	Primary	
	Gas	Oil	LPG	Fuel(1)	En.(2)	Electric	Total	Percent	Electric (3)	Total	Percent
Space Heating (4)	3.13	0.60	0.23	0.08	0.41	0.33	4.78	44.3%	1.05	5.51	26.4%
Space Cooling	0.00					0.85	0.85	7.9%	2.70	2.70	13.0%
Water Heating	1.08	0.10	0.06		0.01	0.42	1.67	15.5%	1.34	2.59	12.5%
Lighting						0.76	0.76	7.0%	2.41	2.41	11.6%
Electronics (5)						0.53	0.53	4.9%	1.69	1.69	8.1%
Refrigeration (6)						0.47	0.47	4.4%	1.50	1.50	7.2%
Wet Clean (7)	0.07					0.38	0.46	4.2%	1.22	1.30	6.2%
Cooking	0.22		0.03			0.23	0.48	4.4%	0.72	0.98	4.7%
Computers						0.07	0.07	0.6%	0.21	0.21	1.0%
Other (8)	0.00		0.15		0.00	0.19	0.34	3.2%	0.61	0.76	3.6%
Adjust to SEDS (9)						0.37	0.37	3.5%	1.19	1.19	5.7%
Total	4.50	0.70	0.47	0.08	0.43	4.61	10.79	100%	14.65	20.83	100%

Note(s): 1) Kerosene (0.07 quad) and coal (0.01 quad) are assumed attributable to space heating. 2) Comprised of wood space heating solar water heating (0.01 quad), geothermal space heating (less than 0.01 quad), and solar PV (less than 0.01 quad). 3) Site -to-source electricity conversion (due to generation and transmission losses) = 3.18. 4) Includes furnace fans (0.17 quad). 5) Includes color television (1.05 quad) and other office equipment (0.64 quad). 6) Includes refrigerators (1.24 quad) and freezers (0.26 quad). 7) Includes clothes washers (0.11 quad), natural gas clothes dryers (0.07 quad), electric clothes dryers (0.81 quad), and dishwashers (0.30 quad). Does not include water heating energy. 8) Includes small electric devices, heating elements, motors, swimming pool heaters, hot tub heaters, outdoor grills, and natural gas outdoor lighting. 9) Energy adjustment EIA uses to relieve discrepancies between data sources. Energy attributable to the residential buildings sector, but not directly to specific end-uses.

Source(s): EIA, Annual Energy Outlook 1999, Jan., 1999, Tables A2, p.113-114; EIA, AEO 2008, Mar. 2008, Tables A2, p. 117-119, Table A4, p. 122-123 and Table A17, p. 143-144; and BTS/A.D. Little, Electricity Consumption by Small End-Uses in Residential Buildings, Aug. 1998, Appendix A, for residential electric end-uses.